

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 2       | ((("4579566") or ("5784898")).PN.   | USPAT   | OR               | OFF     | 2005/03/31 09:28 |
| S2    | 1       | ("5036671").PN.   | USPAT   | OR               | OFF     | 2005/03/31 12:39 |
| S3    | 1       | ("6321564").PN.   | USPAT   | OR               | OFF     | 2005/03/31 13:19 |
| S4    | 23      | ((("6415611") or ("5697220") or ("6293106") or ("6415613") or ("6438969") or ("6442949") or ("5513498") or ("5111665") or ("5103647") or ("5774032") or ("5548469") or ("5485730") or ("6246308") or ("6201462") or ("6181228") or ("6376943") or ("6489701") or ("6412289") or ("4211087") or ("4274022") or ("4339680") or ("4727724") or ("5426949") or ("5485730")).PN. | USPAT   | OR               | OFF     | 2005/03/31 13:22 |
| S5    | 2       | ("5966944"   "6011456").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | OFF     | 2005/03/31 14:41 |
| S6    | 25      | ("3882687"   "4277949"   "4432216"   "4510771"   "5103647"   "5363077").PN. OR ("5513498").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | OFF     | 2005/03/31 15:58 |
| S7    | 77539   | superconduct\$ or (super-conduct\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/31 15:59 |
| S8    | 946618  | vacuum  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/31 16:00 |
| S9    | 1338308 | cooling or refrigerat\$   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/31 16:00 |
| S10   | 4925    | S7 and S8 and S9  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/31 16:00 |
| S11   | 4444    | cold-trap or (cold adj trap) or coldtrap  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/03/31 16:01 |

|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S12 | 30     | S10 and S11  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/03/31 16:13 |
| S13 | 2      | ((("re36332") or ("5548168"))).PN.   | USPAT   | OR | OFF | 2005/03/31 16:14 |
| S14 | 12071  | (second or different) near2<br>(refrigerant or cryogen or coolant)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/03/31 16:15 |
| S15 | 77539  | superconduct\$ or<br>(super-conduct\$)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/03/31 16:15 |
| S16 | 946618 | vacuum   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/03/31 16:15 |
| S17 | 98     | S14 and S15 and S16  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | OFF | 2005/03/31 16:16 |
| S18 | 25     | ("3256706"   "3262279"  <br>"3304729"   "3310955"  <br>"3579997"   "3579998"  <br>"3585807"   "3769806"  <br>"4072025"   "4148196"  <br>"4277949"   "4341079"  <br>"4531372"   "5083445"  <br>"5187938"   "5201184").PN. OR<br>("5426949").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/04/01 07:53 |
| S19 | 24     | ("3473342"   "3914950"  <br>"4077231"   "4313309"  <br>"4700545"   "5010737"  <br>"5231846"   "5335505"  <br>"5412952"   "5426949"  <br>"5447034").PN. OR ("5647218").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2005/04/01 09:12 |